Technical sheet:

## **MRT 1645 75**

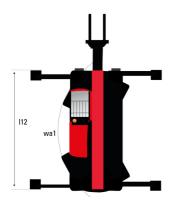
#### **VISION**

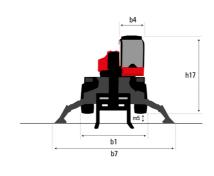


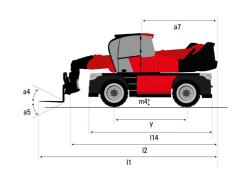


	MRT 1645 75 Created on August 1, 2025 at 7:36 Pl	M UT
Capacities	Metric	
Max. capacity	4500 kg	
Max. lifting height	15.80 m	
Maximum outreach	13.50 m	
Weight and dimensions		
Overall length (with forks)	I1 7.58 m	
Length to face of forks	l2 6.38 m	
Overall width	b1 2.42 m	
Overall height	h17 3.04 m	
Overall cab width	b4 0.96 m	
Ground clearance	m4 0.37 m	
Wheelbase	y 2.43 m	
Tilt-up angle	a4 12 °	
Tilt-down angle	a5 105°	
Turret rotation	400 °	
Overall weight	13305 kg	
Forks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm	
Wheels		
Standard tires	405/70-20	
Drive wheels (front / rear)	2/2	
Steering mode	2 wheel steer, 4 wheel steer, Crab mode	е
Stabilisers		
Stabilizers Type	Wing Type	
Controls with stabs	Stabs Commands Individual or Simultaneo	ous
Engine		
Engine brand	Deutz	
Engine norm	Stage V, Tier 4	
Engine model	TCD 3.6 L4	
I.C. Engine power rating / Power	75 Hp / 55.40 kW	
Max. torque / Engine rotation (min)	405 Nm @ 1300 rpm	
Number of cylinders - Capacity of cylinders	4 - 3620 cm <sup>3</sup>	
Engine cooling system	Water cooled	
Electric circuit		
Number of batteries / Battery voltage	2 x 12 V	
12V Battery capacity	120 Ah	
Battery starting current	(EN)850 A	
Transmission		
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Max. travel speed	25 km/h	
Drawbar pull	9400 daN	
Parking brake	Automatic negative parking brake	
Out to both	Oil-immersed multi-discs braking on front 8	k rear
Service brake	axles	
Performances		
Gradeability (laden / unladen)	44.50 % / 44.50 %	
Hydraulics		
Hydraulic pump type	Variable displacement pump	
Hydraulic flow	116 l/min	
Hydraulic Pressure	275 bar	
Tank capacities		
Engine oil	111	
Fuel tank	130 I	
Noise and vibration		
Noise at driving position (LpA)	68 dB	
Noise to environment (LwA)	104 dB	
Vibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Steering wheels (front / rear)	2/2	
Controls	2 Joysticks	
Cab certification	Cabin ROPS - FOPS level 2	
Attachment recognition system (E-Reco)	Standard	

## MRT 1645 75 - Dimensional drawing





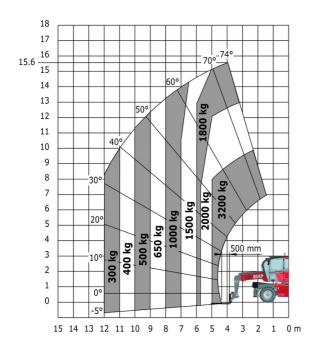


Other data	
ength of frame	
Vheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Filt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

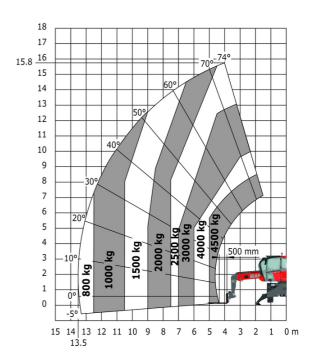
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

### MRT 1645 75 - Load chart

#### Machine on tires with forks Metric

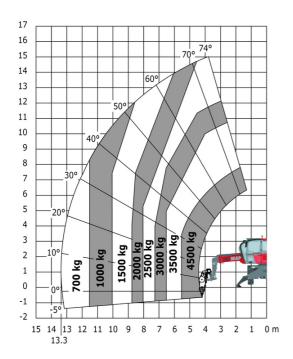


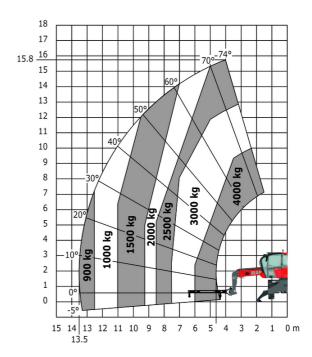
### Machine on lowered stabilisers with forks Metric



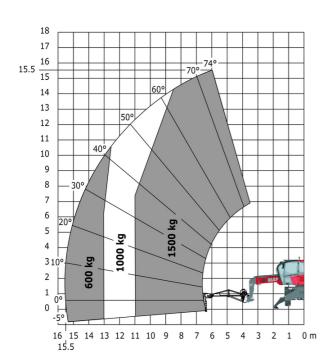
Machine on lowered stabilisers with winch 5000 kg Metric

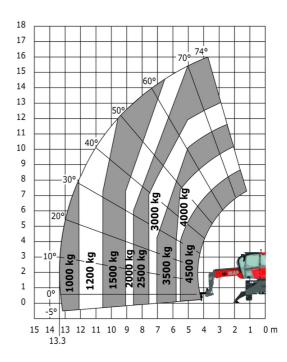
Machine on lowered stabilisers with 4000 kg jib (Metric)



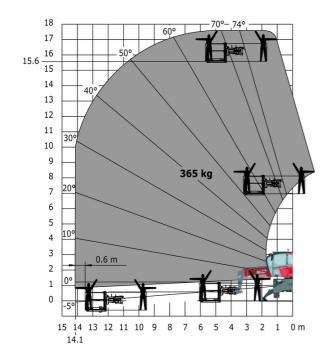


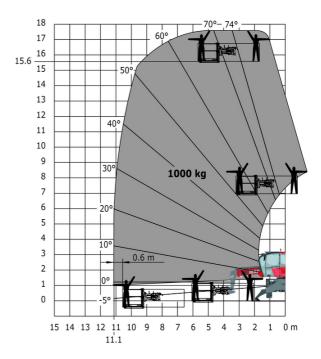
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





# Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric









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